

XX	WPI; 2000-572035/53.	DT	17-MAY-2002 (first entry)
DR	N-SDDB; AAA23125.	XX	Human DESC1-like serine protease homologue.
XX	Diagnosing squamous cell carcinoma or prostate cancer especially squamous cell carcinomas of head and neck and tissues adjacent to such tumor tissue comprises assaying for the expression of DESC1 gene.	DE	
PT	Claim 8: Fig 1A; 32pp; English.	XX	
PT	This invention relates to a method for the diagnosis of squamous cell carcinoma or prostate cancer, comprising assaying for the expression of the DESC1 gene in the tissue sample from a subject. The present sequence represents the human DESC1 protein variant 1. The human DESC1 gene is located on chromosome 4q12-q13, and the DESC1 protein has a predicted molecular weight of 44 kDa. The DESC1 gene is expressed in significant levels in epithelial derived tissue of the head, neck, oral mucosa, tonsils, prostate, testes and skin in healthy individuals. Tissue samples from patients with squamous cell carcinoma (particularly of the head and neck) do not express, or expresses at low levels the DESC1 gene. Expression of the DESC1 gene is reduced or absent in prostate cancer. The DESC1 protein shows homology to serine protease family members. The methods of the invention can be used to diagnose squamous cell carcinoma or prostate cancer in a tissue sample of a subject. The DESC1 cDNA is useful for producing DESC1 protein and for designing hybridization probes for isolating and identifying cDNA clones and genomic clones encoding the protein or its allelic forms.	XX	
PS	Sequence 422 AA;	OS	
XX	Query Match 99.6%; Score 2255; DB 21; Length 422;	XX	
CC	Best Local Similarity 99.5%; Pred. No. 1..1e-178; Indels 0; Gaps 0;	PS	
CC	Matches 420; Conservative 1; Mismatches 1; Gaps 0;	XX	
CC	1 MYRDPDVVRARKRKCWEPWVIGLVIIFSLIVLAVICIGLTVHYVYRNQKTTNYYSTLSFTT 60	CC	The present invention relates to human DESC1-like serine proteases and polynucleotides encoding such proteins. DESC1-like serine proteases are useful for treating a DESC1-like serine protease dysfunction related disease conditions such as cancer, chronic obstructive pulmonary disease (COPD), cardiovascular diseases (e.g., myocardial infarction, congestive heart failure, ischaemic diseases of heart, all kinds of atrial and ventricular arrhythmias, hypertensive vascular diseases and peripheral vascular diseases) and peripheral or central nervous system diseases. They are also useful in diagnostic assays for detecting diseases and abnormalities or susceptibility to diseases and abnormalities related to the presence of mutations in the nucleic acid sequences which encode the enzyme. The present sequence is human DESC1-like serine protease homologue.
Qy	1 MYRDPDVVRARKRKCWEPWVIGLVIIFSLIVLAVICIGLTVHYVYRNQKTTNYYSTLSFTT 60	CC	
Db	1 MYRDPDVVRARKRKCWEPWVIGLVIIFSLIVLAVICIGLTVHYVYRNQKTTNYYSTLSFTT 60	CC	
Qy	61 DKLYAEGFREASNNFTEMSQLRESVKNAFYKSPDREEFKVSKQVIFKESQOKHGVLAHML 120	CC	
Db	61 DKLYAEGFREASNNFTEMSQLRESVKNAFYKSPDREEFKVSKQVIFKESQOKHGVLAHML 120	CC	
Qy	121 ICRFHSTEDPETVDKIVQLVHLHEKIQDAVGPVKDPHSYVKIKINKTEDSYLNHCCGTR 180	CC	
Db	121 ICRFHSTEDPETVDKIVQLVHLHEKIQDAVGPVKDPHSYVKIKINKTEDSYLNHCCGTR 180	CC	
Qy	181 RSKTLGQSLRIVGGTEVEEGWPMQASLONDGSHACGATLINTAWLVAHCFTTYKNP A 240	XX	Sequence 422 AA;
Db	181 RSKTLGQSLRIVGGTEVEEGWPMQASLONDGSHRCGATLINTAWLVAHCFTTYKNP A 240	Qy	Query Match 99.6%; Score 2255; DB 23; Length 422;
Qy	241 RWTASFGVTIKPSKMKRGLRRTIHEKYKHPHSYDDISLAELSSPPVPTNAHVRCLPDA 300	Db	Best Local Similarity 99.5%; Pred. No. 1..1e-178; Indels 0; Gaps 0;
Db	241 RWTASFGVTIKPSKMKRGLRRTIHEKYKHPHSYDDISLAELSSPPVPTNAHVRCLPDA 300	Qy	1 MYRDPDVVRARKRKCWEPWVIGLVIIFSLIVLAVICIGLTVHYVYRNQKTTNYYSTLSFTT 60
Qy	301 SYEFQFGDMFVTGFALKNDGYSQNHLRAQVTLIDATCNEPQAYNDAITPRILCAGS 360	Db	1 MYRDPDVVRARKRKCWEPWVIGLVIIFSLIVLAVICIGLTVHYVYRNQKTTNYYSTLSFTT 60
Db	301 SYEFQFGDMFVTGFALKNDGYSQNHLRAQVTLIDATCNEPQAYNDAITPRMLCAGS 360	Qy	61 DKLYAEGFREASNNFTEMSQLRESVKNAFYKSPDREEFKVSKQVIFKESQOKHGVLAHML 120
Qy	361 LEGKTDACQGDSGGPLVSSDARDIWIYLAGTVSWGDECAPKPKGVYTRYTALRDWITSKT 420	Db	61 DKLYAEGFREASNNFTEMSQLRESVKNAFYKSPDREEFKVSKQVIFKESQOKHGVLAHML 120
Db	361 LEGKTDACQGDSGGPLVSSDARDIWIYLAGTVSWGDECAPKPKGVYTRYTALRDWITSKT 420	Qy	121 ICRFHSTEDPETVDKIVQLVHLHEKIQDAVGPVKDPHSYVKIKINKTEDSYLNHCCGTR 180
Qy	421 GI 422	Db	121 ICRFHSTEDPETVDKIVQLVHLHEKIQDAVGPVKDPHSYVKIKINKTEDSYLNHCCGTR 180
Db	421 GI 422	Qy	181 RSKTLGQSLRIVGGTEVEEGWPMQASLONDGSHACGATLINTAWLVAHCFTTYKNP A 240
Db	181 RSKTLGQSLRIVGGTEVEEGWPMQASLONDGSHRCGATLINTAWLVAHCFTTYKNP A 240	Db	181 RSKTLGQSLRIVGGTEVEEGWPMQASLONDGSHRCGATLINTAWLVAHCFTTYKNP A 240
Qy	241 RWTASFGVTIKPSKMKRGLRRTIHEKYKHPHSYDDISLAELSSPPVPTNAHVRCLPDA 300	Qy	241 RWTASFGVTIKPSKMKRGLRRTIHEKYKHPHSYDDISLAELSSPPVPTNAHVRCLPDA 300
Db	241 RWTASFGVTIKPSKMKRGLRRTIHEKYKHPHSYDDISLAELSSPPVPTNAHVRCLPDA 300	Db	241 RWTASFGVTIKPSKMKRGLRRTIHEKYKHPHSYDDISLAELSSPPVPTNAHVRCLPDA 300
AC	AAE18723 standard; Protein; 422 AA.	Qy	301 SYEFQFGDMFVTGFALKNDGYSQNHLRAQVTLIDATCNEPQAYNDAITPRILCAGS 360
XX	AAE18723		

RESULT 2
 AAE18723
 ID AAE18723 standard; Protein; 422 AA.
 AC AAE18723;
 XX

PR	23-SEP-1998	98US-0101472-
PR	23-SEP-1998	98US-0101474-
PR	23-SEP-1998	98US-0101475-
PR	23-SEP-1998	98US-0101477-
PR	23-SEP-1998	98US-0101479-
PR	24-SEP-1998	98US-0101738-
PR	24-SEP-1998	98US-0101741-
PR	24-SEP-1998	98US-0101743-
PR	24-SEP-1998	98US-0101915-
PR	24-SEP-1998	98US-0101916-
PR	24-SEP-1998	98US-0102207-
PR	25-SEP-1998	98US-0102440-
PR	25-SEP-1998	98US-0102307-
PR	25-SEP-1998	98US-0102330-
PR	01-OCT-1998	98US-0102684-
PR	01-OCT-1998	98US-0102687-
PR	01-OCT-1998	98US-0103315-
PR	02-OCT-1998	98US-0102965-
PR	02-OCT-1998	98US-0103258-
PR	06-OCT-1998	98US-0103295-
PR	06-OCT-1998	98US-0103449-
PR	07-OCT-1998	98US-0103314-
PR	07-OCT-1998	98US-0103633-
PR	07-OCT-1998	98US-0103678-
PR	07-OCT-1998	98US-0103328-
PR	07-OCT-1998	98US-0103395-
PR	07-OCT-1998	98US-0103496-
PR	07-OCT-1998	98US-0103401-
PR	08-OCT-1998	98US-0103633-
PR	08-OCT-1998	98US-0103678-
PR	08-OCT-1998	98US-0103679-
PR	08-OCT-1998	98US-0103711-
PR	14-OCT-1998	98US-0104257-
PR	20-OCT-1998	98US-0104987-
PR	20-OCT-1998	98US-0105000-
PR	20-OCT-1998	98US-0105002-
PR	21-OCT-1998	98US-0105104-
PR	22-OCT-1998	98US-0105169-
PR	22-OCT-1998	98US-0105266-
PR	26-OCT-1998	98US-0105693-
PR	26-OCT-1998	98US-0105694-
PR	26-OCT-1998	98US-0105887-
PR	27-OCT-1998	98US-0105881-
PR	27-OCT-1998	98US-0105882-
PR	27-OCT-1998	98US-0105883-
PR	28-OCT-1998	98US-0106033-
PR	28-OCT-1998	98US-0106062-
PR	28-OCT-1998	98US-0106029-
PR	28-OCT-1998	98US-0106030-
PR	29-OCT-1998	98US-0106032-
PR	29-OCT-1998	98US-0106044-
PR	30-OCT-1998	98US-0106046-
PR	03-NOV-1998	98US-0106856-
PR	03-NOV-1998	98US-0106857-
PR	03-NOV-1998	98US-0106902-
PR	03-NOV-1998	98US-0106905-
PR	03-NOV-1998	98US-0106919-
PR	03-NOV-1998	98US-0106932-
PR	03-NOV-1998	98US-0106934-
PR	10-NOV-1998	98US-0107783-
PR	17-NOV-1998	98US-0108775-
PR	17-NOV-1998	98US-0108779-
PR	17-NOV-1998	98US-0108787-
PR	17-NOV-1998	98US-0108800-
PR	17-NOV-1998	98US-0108806-

XX Claim 11; Fig 320; 774pp; English.

PS

XX Sequences AAU29024-AAU29328 represent PRO polypeptides of the invention.

CC The PRO polypeptides and their associated nucleic acids can be used to

CC detect the presence of a tumour in a mammal by comparing the level of

CC expression of a PRO polypeptide in a 'test' sample of cells from the animal

CC and a control sample of normal cells, whereby a higher level of

CC expression in the test sample indicates the presence of a tumour in the

CC mammal. Mammals include dogs, cats, cattle, horses, sheep, pigs, goats

CC and rabbits but are preferably human. The polypeptides can be used to

CC stimulate tumour necrosis factor (TNF) alpha release from human blood,

CC when contacted with it. A specific polypeptide can be used to stimulate

CC the proliferation or differentiation of chondrocyte cells. The PRO

CC proteins can be used to determine the presence of tumours and also

CC susceptibility to tumour development, particularly adrenal, lung, colon,

CC breast, prostate, rectal, cervical, or liver tumours, in mammalian

CC subjects. The oligonucleotide probes specific for the PRO nucleic acids

CC can be used for genetic analysis of individuals with genetic disorders.

XX

Sequence 423 AA;

Query Match 99.6%; Score 2255; DB 22; Length 423;

Best Local Similarity 99.5%; Pred. No. 1..1e-178; 1: Mismatches 0; Gaps 0;

Matches 420; Conservative 1; Indels 0; Gaps 0;

Db 1 MYRPDVARKRKYCWEPWVYIGLVIFISLIVLAVCIGLTWYHYRIVNOKTYYNTYSTLSFTW 60

2 MYRPDVARKRKYCWEPWVYIGLVIFISLIVLAVCIGLTWYHYRIVNOKTYYNTYSTLSFTT 61

Qy 61 DKLYAEGFREASNNTEMCSRLESWKNAFYKSPREEFVKSQVTKFSSQKQGYLAHML 120

62 DKLYAEGFREASNNTEMCSRLESWKNAFYKSPREEFVKSQVTKFSSQKQGYLAHML 121

Db 121 ICRFHSTDDEPTVKIVQLVTHKEQLDQAVGPPVDPHYSVKIKLINKTEDSYLNHCCGTR 180

122 ICRFHSTDDEPTVKIVQLVTHKEQLDQAVGPPVDPHYSVKIKLINKTEDSYLNHCCGTR 181

Qy 181 RSKTGQSLRIVGGTEVERGEWPMQASLQWDGSHACGATLINTAWLVSAAHCFTTYKPA 240

Db 182 RSKTGQSLRIVGGTEVERGEWPMQASLQWDGSHACGATLINTAWLVSAAHCFTTYKPA 241

Qy 241 RWTASFGVTIKPSKMRKGRLRRTIVHEKYKHPSHDYDISIAELSSPVPTNAHVRYCLPA 300

Db 242 RWTASFGVTIKPSKMRKGRLRRTIVHEKYKHPSHDYDISIAELSSPVPTNAHVRYCLPA 301

Qy 301 SYEFQPGDYMFTVFGALKNDGYSONHRLRQAQVLIDATTNCNEQAYNDAITPRILCAGS 360

302 SYEFQPGDYMFTVFGALKNDGYSONHRLRQAQVLIDATTNCNEQAYNDAITPRMLCAGS 361

Qy 361 LEGKTDACQGDSSGFLVSSDARDIWLAGTIVSNGDECAPKPKGYTRYTALRDWITSKT 420

Db 362 LEGKTDACQGDSSGFLVSSDARDIWLAGTIVSNGDECAPKPKGYTRYTALRDWITSKT 421

Qy 421 GI 422

Db 422 GI 423

RESULT 5

ID AAU01344 standard; Protein: 423 AA.

XX AAU01344;

XX 18-JUL-2001 (first entry)

XX Human TANGO 361 amino acid sequence.

XX Human; TANGO 361; transmembrane protein; diagnostic; asthma;

XX immunological disorder; arthritis; graft rejection; renal disorder;

XX acquired immunodeficiency syndrome; inflammatory disorders; psoriasis;

XX AIDS; embryonic disorder; brain; cerebral oedema; ischaemia; tumour;

PN	WO200121631-A2.	XX	ID AAB87578 standard; Protein; 423 AA.
PD	29-MAR-2001.	XX	AC AAB87578;
XX	20-SEP-2000; 2000WO-US25982.	XX	DT 15-MAY-2001 (first entry)
PF	20-SEP-1999; 99US-0399723.	XX	DE Human PRO1461
PR	20-SEP-1999; 99US-0399723.	XX	XX Human; PRO protein; mapping.
PA	(MILL-) MILLENNIUM PHARM INC.	XX	XX Homo sapiens.
XX	WPI; 2001-211461/21.	XX	OS Homo sapiens.
XX	DR; AAS02070.	XX	PN WO200116318-A2.
XX	PT New nucleic acid encoding INTERCEPT 307, MANGO 511, TANGO 351, TANGO 361, TANGO 499 or TANGO 509 secreted or transmembrane protein, useful for the diagnosis and treatment of arthritis, psoriasis and Parkinson's disease	XX	PD 08-MAR-2001.
XX	PT	XX	XX 24-AUG-2000; 2000WO-US23328.
XX	PT	XX	PR 01-SEP-1999; 99WO-US20111.
XX	PT	XX	PR 01-SEP-1999; 99WO-US201090.
PS	Claim 8: Fig 13; 362PP; English.	XX	PR 07-DEC-1999; 99WO-US-0159495.
XX	The sequence represents the amino acid sequence of human TANGO 361 transmembrane protein. The nucleic acid and polypeptide sequences are useful for the diagnosis, prognosis and treatment of immunological disorders, e.g. arthritis, graft and acquired immunodeficiency syndrome), inflammatory disorders (e.g. psoriasis and asthma), renal disorders, embryonic disorders, brain related disorders (e.g. cerebral oedema), cerebrovascular diseases (e.g. ischaemia), tumours, prostate-related disorders, pituitary related disorders (e.g. Cushing's disease) and neurodegenerative diseases (e.g. Parkinson's disease).	XX	PR 09-DEC-1999; 99WO-US-0170262.
CC	Sequence 423 AA;	XX	PR 11-JAN-2000; 2000US-0175481.
CC	Query Match 99.6%; Score 2255; DB 22; Length 423;	XX	PR 18-FEB-2000; 2000WO-US04341.
CC	Best Local Similarity 99.5%; Pred. No. 1..1e-178; Matches 420; Conservative 1; Mismatches 1; Indels 0; Gaps 0;	XX	PR 18-FEB-2000; 2000WO-US04342.
Db	1 MYRPDVVRARKRKYCWEPMVIGLVIIFISLTLVAVCIGLTVHYVRYNOKRTTYNYYSTLSFTT 60	XX	PR 01-MAR-2000; 2000WO-US0414.
Db	2 MYRPDVVRARKRKYCWEPMVIGLVIIFISLTLVAVCIGLTVHYVRYNOKRTTYNYYSTLSFTT 61	XX	PR 03-MAR-2000; 2000US-0187202.
Qy	61 DKLIAEFGREASNNFTEMQSRLMSVKNAFYKSPLEEFVKSQVIFESQQKIGVLAHML 120	XX	PR 22-APR-2000; 2000US-019397.
Db	62 DKLIAEFGREASNNFTEMQSRLMSVKNAFYKSPLEEFVKSQVIFESQQKIGVLAHML 121	XX	PR 22-MAY-2000; 2000WO-US14042.
Db	121 ICRFHSTEDPETVKIVQLVLHKLQDAVGPPVDPHSVKIKINKTETDSYLNHCCCTR 180	XX	PR 05-JUN-2000; 2000US-0209832.
Qy	122 ICRFHSTEDPETVKIVQLVLHKLQDAVGPPVDPHSVKIKINKTETDSYLNHCCGTR 181	XX	PA (GETH) GENENTECH INC.
Db	181 RSKTLGQSLRIVGGTEVERGEWWPQASLQWDGSHRCGATLINATWLVA SAHCTTYKNPA 240	XX	XX Eaton DL, Filvaroff E, Gerritsen ME, Godowski A, Godowski PJ, Wood WI;
Qy	182 RSKTLGQSLRIVGGTEVERGEWWPQASLQWDGSHRCGATLINATWLVA SAHCTTYKNPA 241	XX	PI Grimaldi CJ, Gurney AL, Watanabe CK,
Db	241 RWTASFGVTTIKPSKMKRGLRRIIVHEKTPSHDIDSAELSSPVPTNAVRVCLPDA 300	XX	XX WPI: 2001-183260/18.
Db	242 RWTASFGVTTIKPSKMKRGLRRIIVHEKTPSHDIDSAELSSPVPTNAVRVCLPDA 301	XX	DR WPI: AAF92110.
Qy	301 SYERQPGDGVMFVTFGALKNDGTSQNHLRQAQVTLIDATTNCNPQAYNDATPRILCAGS 360	CC	Eighty four nucleic acids encoding PRO polypeptides, useful in molecular biology, including use as hybridization probes, and in
Db	302 SYERQPGDGVMFVTFGALKNDGTSQNHLRQAQVTLIDATTNCNPQAYNDATPRILCAGS 361	CC	chromosome and gene mapping. -
Qy	361 LEGKTDACOGDSGGPLVSSDARDIWLLAGIVSGDCEAKPNKGVYTRVTALEDWITSKT 420	CC	XX Claim 12: Fig 106; 278PP; English.
Db	362 LEGKTDACOGDSGGPLVSSDARDIWLLAGIVSGDCEAKPNKGVYTRVTALEDWITSKT 421	CC	XX The present sequence is a human PRO polypeptide (secreted and transmembrane). The PRO protein, and PRO agonists, PRO antagonists or anti-PRO antibodies are useful for preparation of a medicament useful in the treatment of a condition which is responsive to the PRO protein, or antagonists or anti-PRO antibodies. The PRO protein may also be employed as molecular weight markers for protein electrophoresis. The PRO coding sequence has applications in molecular biology, including use as hybridisation probes, and in chromosome and gene mapping.
Qy	421 GI 422	CC	XX Sequence 423 AA;
Db	422 GI 423	CC	Query Match 99.6%; Score 2225; DB 22; Length 423;
Qy	301 SYERQPGDGVMFVTFGALKNDGTSQNHLRQAQVTLIDATTNCNPQAYNDATPRILCAGS 360	CC	Best Local Similarity 99.5%; Pred. No. 1..1e-178;
Db	302 SYERQPGDGVMFVTFGALKNDGTSQNHLRQAQVTLIDATTNCNPQAYNDATPRILCAGS 361	CC	Matches 420; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy	361 LEGKTDACOGDSGGPLVSSDARDIWLLAGIVSGDCEAKPNKGVYTRVTALEDWITSKT 420	CC	Qy 1 MYRPDVVRARKRKYCWEPMVIGLVIIFISLTLVAVCIGLTVHYVRYNOKRTTYNYYSTLSFTT 60
Db	362 LEGKTDACOGDSGGPLVSSDARDIWLLAGIVSGDCEAKPNKGVYTRVTALEDWITSKT 421	CC	2 MYRFDVRARKRKYCWEPMVIGLVIIFISLTLVAVCIGLTVHYVRYNOKRTTYNYYSTLSFTT 61
Qy	421 GI 422	CC	61 DKLIAEFGREASNNFTEMQSRLMSVKNAFYKSPLEEFVKSQVIFESQQKIGVLAHML 120
Db	422 GI 423	CC	62 DKLIAEFGREASNNFTEMQSRLMSVKNAFYKSPLEEFVKSQVIFESQQKIGVLAHML 121
Qy	121 ICRFHSTEDPETVKIVQLVLHKLQDAVGPPVDPHSVKIKINKTETDSYLNHCCGTR 180	CC	Qy 121 ICRFHSTEDPETVKIVQLVLHKLQDAVGPPVDPHSVKIKINKTETDSYLNHCCGTR 180
Db	122 ICRFHSTEDPETVKIVQLVLHKLQDAVGPPVDPHSVKIKINKTETDSYLNHCCGTR 181	CC	Db 122 ICRFHSTEDPETVKIVQLVLHKLQDAVGPPVDPHSVKIKINKTETDSYLNHCCGTR 181

RESULT 6

AAB87578

XX	Sequence	423 AA;	XX	WPI: 2000-572235/53.
SQ	Query Match	99.5%; Score 2251; DB 22; Length 423;	DR	N-PSDB; AAA28126.
	Best Local Similarity	99.3%; Pred. No. 2.4e-178;	XX	Diagnosing squamous cell carcinoma or prostate cancer especially
	Matches 419; Conservative 1; Mismatches 2;	Indels 0; Gaps 0;	PT	carcinoma or prostate cancer, comprising assaying for the expression of
Qy	1	1 MRPDVARKRVCMPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60	PT	squamous cell carcinomas of head and neck and tissues adjacent to such
Db	2	2 MRPDVARKRVCMPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 61	PT	tumor tissue comprises assaying for the expression of DESC1 gene -
			XX	Claim 8; Fig 1B; 32pp; English.
			XX	This invention relates to a method for the diagnosis of squamous cell
			CC	carcinoma or prostate cancer, comprising assaying for the expression of
			CC	the DESC1 gene in the tissue sample from a subject. The present sequence
			CC	represents the human DESC1 protein variant. The human DESC1 gene is
			CC	located on chromosome 4q12-q13, and the DESC1 protein has a predicted
			CC	molecular weight of 44kD. The DESC1 gene is expressed in significant
			CC	levels in epithelial derived tissue of the head, neck, oral mucosa,
			CC	tonsils, prostate, testes and skin in healthy individuals. Tissue samples
			CC	from patients with squamous cell carcinoma (particularly of the head and
			CC	neck) do not express, or express at low levels the DESC1 gene.
			CC	Expression of the DESC1 gene is reduced or absent in prostate cancer.
			CC	The DESC1 protein shows homology to serine protease family members. The
			CC	methods of the invention can be used to diagnose squamous cell carcinoma
			CC	or prostate cancer in a tissue sample of a subject. The DESC1 cDNA is
			CC	useful for producing DESC1 protein and for designing hybridization probes
			CC	for isolating and identifying cDNA clones and genomic clones encoding the
			CC	protein or its allelic forms.
			XX	Sequence 422 AA;
			SQ	Query Match 98.8%; Score 2235; DB 21; Length 422;
				Pred. No. 5.2e-177; 3; Mismatches 2; Indels 0; Gaps 0;
				Best Local Similarity 98.8%;
				Matches 417; Conservative 3;
				1 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				2 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				3 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				4 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				5 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				6 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				7 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				8 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				9 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				10 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				11 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				12 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				13 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				14 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				15 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				16 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				17 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				18 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				19 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				20 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				21 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				22 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				23 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				24 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				25 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				26 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				27 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				28 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				29 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				30 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				31 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
				32 MRPDVVRKRVQWEPWVGLFISLIVLAVCIGLTHYHYRIVNQKTYNNYSTLSEPT 60
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Db	61	IKPSMKKRGFRIIYHEKYKPSHDIYDISLAELSSPVYPTNAHRYCLPDASYEFPQGDY	120
Qy	310	MFVTGALKNDIGYSNHLRQAQVTLIDATCNEQYNDAITPRILCASLEGTIDACQ	369
Db	121	MFVTGALKNDIGYSNHLRQAQVTLIDATCNEQYNDAITPRMLCAGSLEGTIDACQ	180
Qy	370	GDSGGLYSSDARDIYLLAGIVSAGWGDCECAPNPKGYUVTYRWTLSKTKGI	422
Db	181	GDSGGLYSSDARDIYLLAGIVSAGWGDCECAPNPKGYUVTYRWTLSKTKGI	233

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Job time : 75.5 secs

